



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Chen et al.

Art Unit : 1632

Serial No. : 09/175,683

Examiner : R. Schnizer

Filed : October 20, 1998

Title : NOVEL MODIFIED NUCLEIC ACID SEQUENCES AND METHODS FOR INCREASING MRNA LEVELS AND PROTEIN EXPRESSION IN CELL SYSTEMS

RECEIVED

JUL 13 2001

Commissioner for Patents
Washington, D.C. 20231

TECH CENTER 1600/2900

RESPONSE

This is in response to the action mailed January 4, 2001. A request for an appropriate extension of time is being filed concurrently herewith. Please amend the application as follows:

In the specification:

Replace the original Sequence Listing with the substitute Sequence Listing filed herewith. *NE*

Replace the paragraph beginning at page 5, line 3, with the following rewritten paragraph:

D) --Fig. 1 depicts the cDNA sequence of MSP-1₄₂ modified in accordance with the invention (SEQ ID NO:1) in which 306 nucleotide positions have been replaced to lower AT content and eliminate mRNA instability motifs while maintaining the same protein amino acid sequence of MSP-1₄₂ (SEQ ID NO:9). The large letters indicate nucleotide substitutions.--

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

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